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GenCore version 5 1 3
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OM protein - protein search, using sw model

Tanuary 16, 2003, 16:34:37; Search time 23.7857 Seconds (without alignments) 28.011 Million cell spdates/sec Pun on.

32-020-828-60-SD

1 MLRLO 5 Perfect score: Sedneuce.

Scoring table:

RLOSUM62 Capop 10 a _ Gapext n S

908470 seqs, 13:250620 residues Searched:

908470 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 20ປດຕຄົດຄົດ

Listing first 45 summaries Post-precessing: Minimum Match 6% Maximum Match 100%

Database

/SIDS2/gcgdata/geneseq/geneseqp-embl/AA1999_DAT:* /SIDS2/gcgdata/geneseq/geneseqp-embl/AA2009_DAT:* /SIDS2/gcgdata/geneseq/geneseqp-embl/AA2002_DAT:* /SIDS2/gcgdata/geneseq/geneseqp-embl/AA2002_DAT:* /SIDS2/4cgdata/denesey/deneseyp-embl/AA1991.DAT:*/SIDS2/qcgdata/qenesey/qeneseyp-embl.AA1942_5AT:* /SIDSZ/gcgdata/yeneseg/genesegp-embl/AA1990.DAT:* /SIDS2/qrgdata/gonesoq/goneseqp-omb1/AA1994 DAT:* /STDS2/gogdata/genesey/genesegp.cmb1/AA1995.DAT;* /STDS2/gogdata/geneseg/genesergp.cmb1/AA1996.DAT;* emtl/AAly97.DAT:* /SIDS2/gcgdata/geneseg/genesegp-cmb1/AA1989.DAT:* /SIDS2/gcgdata/geneseg/genesegp-embl/AA1993.DAT:* /SIDS2/qcadata/qeneseq/qeneseqp-embl/AA1986 DAT.*/SIDS2/qcadata/qeneseq/qeneseqp-embl/AA1987.DAT:*/SIDS2/qcddata/qeneseq/qeneseqp embl/AA1988.DAT:* | STISS2A, redata Ajanessa, Ajanessa, Branch | AATGA 1944 | TATES |
| STISS2A and Adata Ajanessa, Ajanessa, Pront | AATGA 1944 |
| STISS2A and Ajanessa, Aganessa, Aganessa, Pront | AATGA 1945 |
| STISS2A add 12, Aganessa, Agan /SIDS2/gradala/geneseg/genesegp-embl/AAl998 /STES? Apartat a/Jameserp/Apmoserp-embi/AAtioNt /STRS2/Appdata/Apmoserp/Apmoserp-embi/AA1982 /STRS2/Appdata/Apmoserp/Apmoserp-embi/AA1983 /SIDS2/gcgdata/geneseg/genesegp-emb1/AA1980 /SIDSZ/gcgdata/geneseq/genesegp A_Geneseq_101062 1: /Stoco?-

Pred. No is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		Description	Human Populocontor		Human heproceptor	Integrin binding p	Muman hepreceptor	Integrin antagonis	letearin binding p	Human hepreceptor	Human secreted pro	Numan hepreseptor	Human immune/haema
		ID	AARBOOAO	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AAB82039	AAB17959	AAB82038	AAU81119	ARH72970	AABB2037	AAHZB185	AABB2020	AAM87003
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e e	Query	Match	100.0	0 0	0.001	100.0	100.0	100.0	160.0	100.0	100 0	100.9	106.0
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ALIGNMENTS

Dectopic, industry response industry, exting, infectious diseases, cancer; HIV related dementia. Homean, heproveption, eytostatio, anti-RIV; autibiotic; Human hepreceptor domain A binding peptide Eupe2428. AANMander standard, peptide, F AA 99CH-0021881. 99GB-0021881. 13-JUN-2001 (first cutry) WF1, 2001 293287/31. (HOLMZ) HOLMS R D. Homo sapiens. 17-SEP-1999; 17-SEP-1999; GB2354241-A. 21-MAR-2001. Holms RD; AAH82040; RESULT 1 AAB82040

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100.0%; Score 23; DB 21; Length 12;
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   Query Match
Bost Local Similarity
Matches 5, Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic.
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                                                                                                                                                                                                               the structure of the cortical eytoskeleton to control cell surface topography. The present invention relates to peptides (see AAB82021 to AAB82041) that bind to heprereptor with greater attinity than HEPI (see Immune response, and for treating peptides are useful for inducing immune response, and for treating infectious diseases, cancer and HIV related dementia. The present peptide binds to domain A of the hepreceptor (AAH82019).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The hepreceptor is a novel active site in human crim, parin regulates the structure of the corrieal cytoskeleton to control (cell surface topography. The present invention relates to peptides (see AABB2021 to AABB2041) that bind to bepreceptor with greater atfinity than HEPI (see AABB2045). The hepreceptor binding peptides are useful for inducing immune responses, and for treating intectious diseases, cancer and hepreceptor (AABB2019).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       mootropic; immune response inducer, ezrin, infectious diseases; caneer;
HIV-related dementia.
                                The hepreceptor is a nevel active site in buman errin. Errin regulates
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                                                                                                                                                                                                           100.0%; Score 23; DB 22; Length 5; 1000.0%; Pred. No. 7.8e+05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; hepreceptor; eytostatie; anti-HIV; antibiotie;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human hepreceptor domain A binding peptide Rupe2232.
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                                                                                                                                                                                                                                           0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                          AAB82049 standard; peptide; 11 AA.
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Claim 28: Page 37: 42pp: English
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Hest Local Similarity 100.0
Tee 5, Conservative
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Where (1) is: (X1)a-F1-(X2)b, where F1 = an Fe domain; X1 and X2 - are each independently selected from (LL)r-P1. (LL)r-P1-(L2)d-P2. (L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-(L3)a-F2-
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100.0%; Score 23; DB 22;
100.0%; Pred. No. 19;
                                                                                                                                                  Mismatches
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Integrin-antagonist peptide #26.
           09-APR-2002 (lirst entry)
                                                                                                       Synthetic.
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                                                                                                                                                                   Human; hepreceptor, cytostatic, anti HIV; antibiotic;
mootropic; immune response indurer; ecrin; infections discases; cameer;
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          û; Indele
                                                                                                                                                  Human hepreceptor domain A binding peptide Rupe2132.
                                                                                                                                                                                                                                            /note "Optionally phosphorylated"
 Pred. No. 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatahes
         0; Mismatches
                                                                                                                                                                                                                           Location/Qualitiers
                                                                                           AAB82038 standard; peptide; 12 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAU81119 standard; Peptide; 12 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                  Claim 24; Page 36; 42pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ilarity 100.0%; P
Conservative 0,
100.0%;
                                                                                                                                                                                                                                                                                                                     99GB-0021881.
                                                                                                                                                                                                                                                                                                  995B-0021881
                                                                                                                               13-JUN-2001 (first entry)
          Conservative
                                                                                                                                                                                     HIV-related dementia.
Best Local Similarity
Matches 5: Conserva
                                                                                                                                                                                                                                                                                                                                                                           WP1; 2001 293287/31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
                                                                                                                                                                                                                                                                                                                                        (HOLM/) HOLMS R D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12 AA;
                                             6 MLRLQ 10
                                                                                                                                                                                                                                 Modified-site
                            1 MLRI,Q 5
                                                                                                                                                                                                        Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 MLRLQ 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 MLRLQ 8
                                                                                                                                                                                                                                                                                                  17-SEP-1999;
                                                                                                                                                                                                                                                                                                                     17-SEP-1999;
                                                                                                                                                                                                                                                              GH2354241 A.
                                                                                                                                                                                                                                                                                  21-MAR-2001
                                                                                                                                                                                                                                                                                                                                                         Holms RD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAU81119;
                                                                                                              AAB82038;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sednence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 5
                                                                                 AABB2038
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and the control of the control of a control 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Composition comprising integrin or adhesion antagonistic peptide and vehicle, useful for treating or preventing platelet aggregation, has a longer half-life than free peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Gaps
                                                  antiinflammatory; immunosuppressive; osteopathic; antaqonist; laminin; saw-scaled viper; echistathin; integrafis selectin; vinculin; platelet aggregation; and ogenosis; tumour; inflammation; autoimmune disease, rheumatoid arthritis; osteoporosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%, Scure 23, 5B 23, Eccath 12; 100.0%; Pred. No. 21;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
IqG Fc; anticoaqulant; thrombolytic; cytostatic;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21-AFM-2008; 2000US-198919P.
03-MAY-2000; 2000US-201394P.
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Matches 5, Conserv
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    FC domain;

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6 MLRLQ 10
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Human; hepreceptor; cytostatic; anti-HIV; antibiotic; nontergraphic; immune response inducer, ezrin, infectious diseases; cancer;

ncotropic; immune rea HIV-related dementia

Human hepreceptor domain A binding peptide Rupe2032.

13-JUN-2001 (first entry)

AAB82037;

AAB82037 standard; peptide; 13 AA.

6 MI.RI.O 10

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RESULT 7
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                                                                                                                                                                                               EPO; erythropole in: TPO; tumour necrosis lactor alpha inhibitor; TPU: alpha inhibitor; TPU: alpha inhibitor; TPU: alpha inhibitor; Interleukin i antagonist; IL 1 antagonist; TMP: TPO mimet ic peptide; EPO mimet ic peptide; EPO mimet ic peptide; EPO mimet ic peptide; EPO mimet ic periods: TMP: VEGF antagonist; MMP: Inhibitor; antiinflammatory; antiinflabetic; ophthalmological; antiinflammatory antianted operator; antiinfertility; haemostator; dermatological; neuroprotective; inflammatory disease; autoimmune disease; tumour growth; eneurological; danner; albertic farmitis; diabelts retinopathy; infertility; obesity; sleep disorder; neurological degenerative disease; anaemia; thrombocytophemia; metastatic tumour; systemic lupus erythematosus;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         multimers. (1) can have antinnlammatory, antitumour, immunosuppressive, cytostatic, antinhemmatory, antitumour, immunosuppressive, cytostatic, antinhemmatory, antidiabelic, ophthalmological, antianaemic, anorectic, antinhettility, haemmastatic, dermatological and neuroprotective activities. (1) can be used as a therapeutic or prophylactic actor as well as for screening purposes. (1) is useful for diamnosing diseases characterised by dysfurction of their associated protein of interest, for identifying normal or abnormal proteins of interest, as a part of diagnostic kill to delect the presence of their proteins of interest in a biological sample. Additionally, (1) is useful for treating inflammatory and autoimmune diseases, tumour growth, cancer,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                EPO mimetic compounds are useful for treating disorders characterised by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      compounds are useful for treating conditions that involve an existing megakaryocyto/platelet definioncy or an expected megakaryocyte/platelet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tumour which result in thrombocytopaenia, systemic lupus erythematosus, and Fanconi's syndrome. ABB72403 to ABB73426 and ABL35695 to ABL35777 represent amino acid and nucleic acid sequences used in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                rheumatoid arthritis, diabetic refinopathy, obesity, sleep disorders, infertility, and neurological degenerative diseases (1), comprising
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The present invention describes a vehicle peptide molecule (i) or its
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           low red blood cell levels such as anaemia. The TPO-mimetic comprising
                                                                                                                                                                          Modified peptide, mimetic: Fe domain, fusion, immunoglobulin G: 19G;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                deficiency, such as thrombocytopaenia, aplastic anaemia, metastatic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel vehicle-peptide molecule or its multimers useful for treating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              inflammatory and autoimmune diseases, cancer, rheumatoid arthritis, diahetic retinopathy, obesity, sleep disorders and infertility
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Boone TC, Gudas JM;
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                                                                                                                Integrin binding peptide SEQ ID NO:1081.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Peige U, Liu C, Cheetham JC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     02 MAY-2001; 2001WO-US14310.
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                                                         (tirst entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Fanconi's syndrome.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens.
                                                      05 - APR-2002
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ABB7.2970;
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The hepreveptor is a novel active site in human ezrin. Ezrin requlates the structure of the cortical cytoskeleton to control cell surface topography. The present invention relates to peptides (see AMB8201) to AAB82041) that bind to hepreceptor with gretter affinity than HEPI (see AMB82046). The hepreceptor binding peptides are useful for inducing immune responses, and for treating infectious diseases, cancer and HIV-related dementia. The present peptide binds to domain A of the hepreceptor (AMB82019).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Novel requiatory or unfolding peptides of ezrin that binds to Heptecepfor, useful for inducing immune response for treating
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                                                                                                  /note- "Optionally phosphorylated"
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                                                  Location/Qualitiers
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mepreceptor, useful for inducir
infectious diseases and cancer
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                                                                                                                                                                                                                                                                                                                      99CB-0021881.
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es 5, Conservative
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                                               Key
Modified-site
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Homo sapiens
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                                                                                                                                                                                                             21-MAR-2001.
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100.0%; Score 23; DB 23; Length 12; 100.0%; Pred. No. 21;

Mismatrhes Mismat

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Conservative

Onery Match Best Local Similarity 5. Conserva

MIRIO S

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AAB82020;

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                                antirheumatic, antiproliferative, cytostatic; cardiant, vasotropic, cerebroprotective, nootropic, neuroprotective, antibacterial, virucide; tungicide; ophthalmological, gene therapy, autoimmune disease; intection, hyperproliferative disorder, cardiovascular disorder, angiogenesis, cerebrovascular disorder, nervous system disorder, ocular disorder, wound healing; skin aging; food additive; preservative.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                epithelial cell proliferation, to prevent skin aging due to sunburn, to maintain organs before transplantation, for supporting cell culture of primary Lissues, to regenerate Lissues and in chemotaxis. The polypoptides can also be used as a food additive or preservative to increase or destrease storage capabilities. AAC69380 to AAC6938 and AAB38118 represent sequences used in the exemplification of the present
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nucleic acids encoding human secreted proteins, used to prevent, treat, ameliorate, or diagnose conditions such as autoimmune disorders, skin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     autoimmune diseases, hyperproliterative disorders, cardiovascular disorders, cerebrovascular disorders, anglogenesis, cardiovascular disorders, anglogenesis, nervous system disorders, infections caused by bacteria, viruses and fundi and occular disorders. The polypetides car also be used to aid wound healing and epithelial cell proliferation, to prevent skin aging due to sumburn. In
secreted protein; diagnosis; immunosuppressive; antiarthritie;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The polynuclearide sequences given in AAC6449 to AAC69445 encode the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure, Page 367; 374pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Komatsoulis G;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (HUMA-) HUMAN GENOME SOI INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9908-0126600.
9908-0171550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22-MAR-2000; 2000W0-7507526
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Rosen CA, Ruben SM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          disorders and cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2000-611713/58
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                                                                                                                                                                                                                                                                                                                                                                                                                                             W0200058468-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26-MAR-1999;
22-PEC 1999;
                                                                                                                                                                                                                                                                                                                                                         Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 05-OCT-2000.
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AAB82020 standard; peptide; 34 AA.

RESULT 9 AAB82020

10 MLRLO 14

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heproceptor is a most active site in human carrie. But in regulates the stratuse of the continual epicekelete to control cell sarious the regentaries. The present invention relates to peptides (see AABBACAI) that bind to hepreceptor with greater attainty than HEPI (see AABBACAI). The hepreceptor binding peptides are useful for inducing immune reserves, and for treating infectious diseases, cancer and HIV-related demonstrat the present sequence assembles into two anti-parallel helices with hepreceptor domain A (see AABB2019).
                                                                                   eceptor domain B; cytostatic; anti-HIV; antibiotic;
infinite tesponse inducer, exitu, infectious discases, cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The present sequence is domain B of human hepreceptor of human ezrin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human; immune; haematopoletie; immune/haematopoletic antigen; cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel requiatory or unfolding peptides of exrin that binds to Repreceptor, useful for inducing immune response for treating infectious diseases and cancer - \,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%, Score 23, DB 22, Lungth 34,
100.0%; Pred, No. 57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human immune/hacmatopoietic antigen SEG ID NO:14596.
                                                                                                                                                                                                        /note- "Optionally phosphorylated"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cytostatic, gene therapy, vaccine, metastasis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAM87003 standard; Protein; 57 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Claim 5: Page 35: 42pp: English.
                                                                                     Human, hepreceptor domain B;
                                                                                                                                                                                                                                                                                                                               99GB-0021881.
                                                                                                                                                                                                                                                                                                 99GB-0021881
                                                        Human hepreceptor domain B.
                          13 JUN 2001 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                 HIV-related dementia.
                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2001-293287/31.
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Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                           (HOLMZ) HOLMS R D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 34 AA;
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                                                                                                                                                                               Key
Modified-site
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                                                                                                                                               Homo sapiens.
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29-SEP-2000; 200008-0 29-SEP-2000; 200008-0 29-SEP-2000; 200008-0 29-SEP-2000; 200008-0	02-001-2000; 200008 02-001-2000; 200008 02-001-2000; 200008 02-001-2000; 200008 03-001-2000; 200008	13-00%-2000), 200008-1, 20-00%-20000, 200008-1, 20-00%-2000, 200008-1, 20-00%-2000, 200008-1, 20-00%-2000, 200008-1, 20-00%-2000, 200008-1, 20-00%-2000, 200008-1, 20-00%-2000, 200008-1,	2000 2000 2000 2000 2000 2000 2000 200	17 NOV 2006, 200003 0 17 NOV 2006, 2000008 0 17 NOV 2006, 2000008 0 17 NOV 2006, 200008 0 18 NOV 2006, 200008 0 11 DEC 2000 2000 200008 0 11 DEC 2000 2000 200008 0 11 DEC 2000 2000 2000 200008 0 11 DEC 2000 2000 200008 0 11 DEC 2000 2000 2000 2000 2000 2000 2000 20
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09-A0G-2001 17-JAN-20012	JAN00; PFR-2000: PER-2000; MAR-2000; MAR-2000;	MARK 2.2000 MARY 2.0000 MAY 2.0000 MAY 2.0000 JUN 2.0000 JUL 2.0000	AUG 2000 AUG 2000 AUG 2000 AUG 2000 AUG 2000 AUG 2000 AUG 2000 AUG 2000 AUG 2000 AUG 2000 SEP 2000 SEP 2000 SEP 2000 SEP 2000	2000 2000 2000 2000 2000 2000 2000 200

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AAK$4051 to AAK$470? epocde the human immune/haematoprints antigon (1) amine anid sequence given in AAM$1170 to AAM$151. (1) have extustation extitutive, and can be used in gene therapy and vaccing production. (1) proteins and pellynolicutides may be used in the preduct, distincts and treatment of diseases associated with inappropriate (1) expression. For exament of diseases associated with inappropriate (1) expression. For exament of diseases associated with inappropriate (1) expression by rectifying mutations or deletions in a patient's genome. On the affect the activity of (1) by expressing inactive proteins or to supplement the patients own production of (1) Additionally, (1) supplement the patients own production of (1) Additionally, (1) proteins and polynucleotides may be used to provent, diagnose and treat immuneyhaematopoietic antigon expectably anneased to prevent, annease and cannot mentate an immune/haematopoietic antigon genomic to AAK$0594 represent human immune/haematopoietic antigon genomic consents.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               represent sequences used in the exemplification of the present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human, cytokine, cell proliferation, cell differentiation; gene therapy, Vacchin, peptide therapy atom cell growth factor, harmatepotests; tissue growth factor; immunomodulatory; cancer; leukaemia; nervous system disorders; arthritis; inflammation.
                                                      Nucleic acids encoding homan immone/hematopoietic antiqen polypeptides, useful for preventing, diagnosing and/or treating cancers and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Isolated modelete acids and polypoptides, useful for preventing diagnosing and treating org. Legkaemia, inflammation and immuno
                                                                                                                                  Claim 11; SEQ ID NO 14596, 3071pp / Sequence histing, English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         190.0%; Score 23; DB 22; Length 57;
100.0%; Pred. No. 95;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    lang YT, Liu C, Drmanac RT;
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18-MAY-2000: 2000mg-0577409
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
Matches 5; Conservat
WPI; 2001 483426/52.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   57 AA;
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                    N-PSDB; AAK59784
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                                                                                                metastasis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
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AA006711
1D AA006
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the encoded proteins (AA000010-AA013910) that exhibit activity elating to cytokine, cell proliferation or cell differentiation or which may induce production of other evicing populations. The polypheptides are useful in quie therapy vaccines or proliferations. The polypheptides are useful in quie therapy vaccines or privide therapy. The polypheptides have variets by the properties are useful in quie therapy activities, e.g. stem cell growth factor activity, incomposed activity and activity incomposed activity and activity and may be useful in the diagnosis and/or
                                                                                                                                                                                                                                                                                                                                                                        Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences.
                                                                                                                                                                                                                                                                                                                           theatment of cancer, leukaemia, nervous system disorders, arthritis and
                                                                                            The invention relates to human polynycleotides (AA129941-AA193841) and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sdeb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; gene therapy; neural disorder; immune system disorder;
muscular disorder, reproductive disorder, gastrointestinal disorder;
pulmonary disorder; cardiovascular disorder; renal disorder;
                                             Claim 20; SEQ 1D No 20003; 1399pp + Sequence Listing; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10°.0%; Score 23, DB 22, Length 73, 10°.0%; Prod. No. 1,2e·02; ative 0, Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        proliferative disorder; inflammation.
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200005-184664P.
200005-186350P.
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2000US-217487P.
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20000S-198123F
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Matches 5; Conserv
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17-MAR-2000;
19 APP 2000;
19-MAY-2000;
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14-JUL-2000;
26-TUL-2000;
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200008-246474P,
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The present invention provides human cDNAs, proteins and related genomic DNAs. These can be used in the Lreatment of neural, immune system. Muscular, reproductive, gastrointestinal, polymonary, cardiovascular, renal and proliferative disorders and inflammation. The present sequence is a protein of the invention.
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08-ROV 2000) 2000US 246523P.
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Hest Local Similarity 100.
The 5, Conservative
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N-PSDB; ABA06357.
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lood supplement; medical imaging; diagnostic; genetic disorder.
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                                                                                                                                                                                 expressed sequence tag; secreted protein; obnA isolation;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             UNAS. 5' ESIS are also used in diagnostic, forensic, gene therapy and chromosome mapping procedures. They are used to obtain upstream
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New nucleic acid that is a 5' expressed sequence tag (5' EST) for obtaining cDNAs and genomic DNAs that correspond to 5'ESTs and for diagnostic, forensic, gene therapy and chromosome mapping procedures
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                                                                                                                                                 Human secreted protein, SPQ (D NO: 7926.
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                                              AAG03845 standard; Protein; 109 AA.
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                                                                                                                                                                                 Human, 5' EST; expressed sequence qene therapy; chromosome mapping.
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21 MERLQ 25
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            RESULT 13
AAG03845
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for identifying expressed genes. (1) is useful in gene therapy techniques to restore hormal activity of (1) or to treat disease states involving quantitating a polypeptide in tissue, as molecular weight markers and as a food supplement. (II) and its binding partners are useful for medical imaging of sites expressing (II). (I) and (II) are useful for treating disorders involving aberrant protein expression or biological activity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The polypeptide and polynucievide sequences have applications in diagnostics, forensics, yene mapping, identification of mutations responsible for genetic disorders or other traits to assess biodiversity and to produce other types of data and products dependent on DNA and amino acid sequences. Against Against Professent covel human diagnostic amino acid sequences of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    polypeptide (ii) sequences. (I) is useful as hybridisation probes, polymers and the chromosome polymerase chain recombinant production of (II). The and gene mapping, and in recombinant production of (II). The polymucleotides are also used in diagnostics as expressed sequence tags
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100.0%; Pred. No. 1.8e:02;
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Homo sapiens.
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